

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1. – 23. (Cancelled)

24. (Currently Amended) A method of localizing a medical device at a procedure site in the body, comprising:

securing a reference catheter having at least one transmitter in the patient's body near the procedure site ~~in the patient's body~~;

transmitting magnetic signals comprising at least two frequencies between the reference catheter and at least one reference device of known position in an external frame of reference outside the body to determine the position of the reference catheter with respect to the external frame of reference;

introducing the medical device into the patient's body;

transmitting magnetic signals between the medical device and the reference catheter and processing the signals to determine the position of the device relative to the reference catheter, wherein at least some of the magnetic signals transmitted between the reference catheter and the medical device comprise at least two frequencies; and

determining the position of the medical device relative to the external reference frame.

25. (original) The method according to claim 24 wherein the signals are transmitted by the reference catheter and received by the reference device.

26. (original) The method according to claim 24 wherein the signals are transmitted by the reference device and received by the reference catheter.

27. (original) The method according to claim 24 wherein signals are both transmitted and received by the reference catheter and the reference device.

28. (original) The method according to claim 24 wherein signals are transmitted by the reference catheter to the medical device.

29. (original) The method according to claim 24 wherein signals are transmitted by the medical device to the reference catheter.

30. (Cancelled)

31. (Original) The method according to claim 24 wherein signals are transmitted from the at least one reference device to the reference catheter, and wherein signals are transmitted from the medical device to the reference catheter.

32. (original) The method according to claim 24 wherein signals are transmitted from the reference catheter to the at least one reference device, and wherein the signals are transmitted from the reference catheter to the medical device.

33. (original) The method according to claim 24 wherein signals are transmitted from the at least one reference device to the reference catheter, and wherein the signals are transmitted from the reference catheter to the medical device.

34. -35. (Cancelled)

36. (Currently Amended) The method according to claim ~~[[35]]~~ 24 wherein the signals transmitted are at least one of ~~ultrasonic~~, ac magnetic or dc magnetic.

37. – 48. (Cancelled)